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draft; and would no doubt be incomparably more nourishing.

How much then must it be preferable to a dram of gin!

METHOD OF TAKING IRON-MOULDS OUT OF COTTON.

*(From the Annals of Philosophy, June, 1813.)*

Every body knows that cottons of all kinds are apt to receive a dirty yellowish, or orange stain, from iron, which if allowed to remain, gradually corrodes the cloth and forms a hole. At first these stains are easily removed by means of muriatic acid, or any other diluted acid (except vinegar); but, after they have remained for some time, acids have no effect upon them. It may be acceptable to to point out the method of removing these moulds in such inveterate cases.

The iron in them is in the state of red oxide; and it appears, from various facts well known to chemists, that the red oxide of iron has a much greater affinity for cotton cloth than the black oxide. The object in view, therefore, should be to bring the iron in the mould to the state of black oxide; after which, muriatic acid will easily remove it. Now there are two methods of doing this; both of which in the present case answer the purpose completely. The first is to touch the mould with the yellow liquid formed by boiling a mixture of potash and sulphur in water, called hydrogureted sulphuret of potash by chemists. The mould becomes immediately black, and the action of diluted muriatic acid immediately effaces it. The second method is to daub the mould over with ink so as to make it quite black. After this muriatic acid takes it out, as in the former case. I conceive that this is occasioned by the action of the nutgalls in the ink, which reduces the iron in the mould to the state of black oxide.

STEAM BOAT.

It is long since vessels impelled by steam have been applied to all sorts of useful purposes upon the great rivers in America, but it is only within these few months that the same power was applied with success to that purpose in Great-Britain. Very lately, Mr. Henry Bell, for the Helensburgh baths, on the Clyde, constructed a boat, having a small steam engine adapted to it; and so effectually succeeded in conveying passengers to Greenock and Helensburgh to their perfect satisfaction, that no less than four coaches plying between Glasgow and Greenock have been recently discontinued. The distance from Glasgow and Greenock by water is 26 miles, which is performed, in ordinary cases, in four hours, sometimes under three and a half, whatever the state of the wind or tide may be.

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A TREATISE on the culture of Wheat, recommending a system of management, founded on the successful experience of the author; by a Practical Farmer, 7s. 6d.

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Memoirs of the Private and Public Life of William Penn; by Thomas Clarkson, M.A., 2 vols.

The Metrical Life of Thomas Churchyard, Esq.; extracted from two of his productions of extreme rarity, one of which is preserved in the Bodleian Library, and the other in the Ashmolean Museum, Oxford, 15s.

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At Home; a farce, in two acts, 2s.

Count Julian; a tragedy, 5s. 6d. bds.

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Grammatical Dialogues for Children; by Miss Lloyd, 1s. 6d.

Report of the Finance Committee of the Royal Lancasterian Institution for the Education of the Poor, for 1812, 1s.

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A Statistical Chart of Europe; uniting all that is most interesting in the Geography of that portion of the globe; and showing at one view, the territorial extent, the military strength, and the commercial importance of each State; containing the

name, situation, and boundaries; the length, breadth, and superficial extent; the absolute and comparative population; the division and chief rivers; the vegetable, animal, and mineral productions; the principal ports and inland towns; with the manufactures, commerce, religion, army, navy, revenue, current coins, linear measures, islands and colonies of each country, from the most authentic sources; by Thomas Myers, A.M., 5s. 6d., or 10s. on rollers.

A Sketch of Modern and Ancient Geography, for the use of schools; by Samuel Butler, D.D., 9s. bds.

JURISPRUDENCE.

A Treatise on the law of actions on penal statutes in general; by Isaac Espinasse, Esq., Barrister, 16s.

MISCELLANIES.

The Timber Dealer's Guide, in measuring and valuing Trees of any Dimensions or Qualities; by A. Crocker, Land and Timber Surveyor, of Frome, 4s. 6d.

Select Writings of Henry James Pye, Esq., £.4 4s.

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Bija Ganita; or, the Algebra of the Hindus; by Edward Strachey, 15s. bds.

Account of the Performances of celebrated Pedestrians; by Walter Thom, 10s. 6d. bds.

The Works of Damiano, Ruip Lopez, and Salvio, on the game of Chess; translated by J. H. Sarratt, 12s.

An Essay towards a Theory of Apparations; by John Ferriar, M.D., 4s. 6d. bds.

The Ladies' Companion for visiting the Poor, 2s.

Tale of Two Trading Companies, 2s. 6d.

NATURAL HISTORY.

An Essay on the Philosophy, Study, and Use of Natural History; by Charles Fothergill, 8s. bds.

A Dictionary of Botanical Terms, for the use of Students in Botany; by James Lee, 4s. bds.

A Precursor to an Exposé on Forest Trees and Timber, &c.; by Capt. Laymans, 5s. 6d.

NATURAL PHILOSOPHY.

A Lecture in proof of the system of Planets being inhabited; by James Mitchell, M.A., 1s. 6d.

A Treatise on New Philosophical Instruments; by David Brewster, L.L.D., 18s. bds.

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The Giaour; a fragment of a Turkish tale; by the Right Honourable Lord Byron, 4s. 6d.

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Modern Poets; a dialogue in verse; containing some strictures on the poetry of Lord Byron, Southey, and others, 2s.

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The Orange Institution; a slight sketch, 2s.

Reasons for colonizing the Island of Newfoundland; by W. Carson, M.D., 1s. 6d.

Historical Sketches of Politics and Public Men, for the year 1812, (to be continued annually,) 7s. bds.

Considerations on the relative state of Great Britain, 4s.

State of Sheelah's Pulse; being a concise view of the present state of public feeling; by Dr. Faustus —*Dublin printed.*

PHILOLOGY.

Observations on the use of the words "Shall," and "Will," 1s. 6d.

SERMONS.

Sermons by the Rev. Charles Barker, B.D.

Discourses on Universal Restitution, delivered to the Society of Protestant Dissenters near Bristol; by John Prior Estlin, L.L.D., 7s. bds.

Lent Sermons, on an inquiry into the nature and design of Christ's temptation in the wilderness; by H. Cotes, A.B.

THEOLOGY.

The Protestant's Manual; or, Papacy Unveiled; being a brief Exposition of the

Doctrines and Errors of the Church of Rome; by a Member of the Church of England, 1s.

A Short Statement of the Scripture Doctrine of the Unity of God, and the person of his son Jesus Christ; in a letter to a friend; by John Campbell, 6d.

The pre-existence and Deity of the Messiah, asserted in answer to a Socinian pamphlet lately published by John Campbell; by William A. Hails, 1s.

An Attempt to illustrate and defend the Scripture doctrine of human depravity, the atonement, the unity of God, and the character of Jesus Christ, in answer to Mr. Hail's pamphlet; by John Campbell, 1s.

A Narrative of the proceedings of the Society called Quakers, within the quarterly meeting for London and Middlesex, against Thomas Foster, for openly professing their primitive doctrines concerning the Unity of God, 10s. 6d.

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The History of Voyages and Discoveries in the South Sea or Pacific Ocean; by Captain James Burney, R.N., Vol. 3d, £.2 2s.

A Voyage round the World, in the years 1803-4-5-6, by the command of his Imperial Majesty, Alexander I.; translated from the German, by Richard Belgrave Hoppner, Esq., £.2 12s. 6d.

A Journey from London to St. Petersburgh, by way of Sweden; by George Green, Esq, 7s. 6d. bds.

Voyage dans le Nord de l'Europe; by A. Lamotte, £.2 2s. bds.

Letters relative to a Tour on the Continent, in the year 1812; by the Rev. C. F. A. Steinkopff, 3s. 6d.

Letters from the Mediterranean; containing a civil and political account of Sicily, Tunis, and Malta, with biographical sketches, anecdotes, and observations, illustrative of the present state of those countries, and their relative situation with respect to the British Empire; by Edward Blaquiere, Esq., £.1 8s.

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The Library of John Horne Tooke, Esq., consisting of 805 lots, sold for £.1251 14s. 6d.; among the articles were the following, which were enriched by his notes.

| | £. | s. | d. |
|---|---|---|---|
| Burke on the French Revolution, | 8 | 12 | 0 |
| Godwin's Inquirer, 1797, | 3 | 15 | 0 |
| Hardy's Trial, 4 vols. | 5 | 5 | 0 |
| Tooke's ditto, | 6 | 15 | 0 |
| Harris Hermes, | 16 | 0 | 0 |
| Johnson's Dictionary, purchased by Major James, | 200 | 0 | 0 |
| Locke on the Understanding, 2 vols. | 13 | 0 | 0 |
| Locke's Works, folio, | 18 | 0 | 0 |
| Loroth's Grammar, | 5 | 10 | 0 |
| Another Copy, | 4 | 1 | 0 |
| Lye, Dict-Saxonicum, | 34 | 0 | 0 |
| Monboddo on Language, | 5 | 7 | 6 |
| Oswald on Common Sense, | 4 | 3 | 0 |
| Piozzi's Synonymy, | 4 | 13 | 0 |
| Ritson's Remarks on Shakespeare, | 7 | 2 | 6 |
| Skinner's Etymologican Lexicon, | 7 | 17 | 6 |
| Spelman's Glossary, | 3 | 17 | 0 |
| Vossii Opera, | 12 | 12 | 0 |
| *Rare articles without his notes.* | | | |
| 191 A Lytel Treatise, called the Disputacyon, or Complaint of the Herte, printed by Winkin de Worde, | 30 | 0 | 0 |
| 194 Dives and Pauper, by ditto, | 16 | 16 | 0 |
| 499 Nychodemus' Gospel, | 26 | 5 | 0 |
| 570 A Booke on Purgature, | 17 | 0 | 0 |
| 759 Virgil, by Stainghurst, 1583, | 15 | 0 | 0 |

Upwards of a thousand persons attended the sale, and the books were divided among a hundred purchasers.

[*Morning Chronicle.*]

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## DOCUMENTS RELATING TO PUBLIC AFFAIRS

SPEECH OF RICHARD LOVELL EDGEWORTH, ESQ. AT A MEETING OF THE LANCASTERIAN INSTITUTION, MAY 8TH, 1813.

Richard Lovell Edgeworth, esq. one of the members of the Board of Education for Ireland, addressed the meeting as follows:—A stranger in this country, it is with the utmost diffidence, that I venture